



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Lawson Industries, Inc.
8501 NW 90 St
Medley, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (in Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Aluminum Tube Mullions w/Steel Reinforcements

APPROVAL DOCUMENT: Drawing No. M95-04B, titled "Mullion Details", sheets 1 through 3, prepared, signed and sealed by Humayoun Farooq, P.E., dated 2/17/99, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

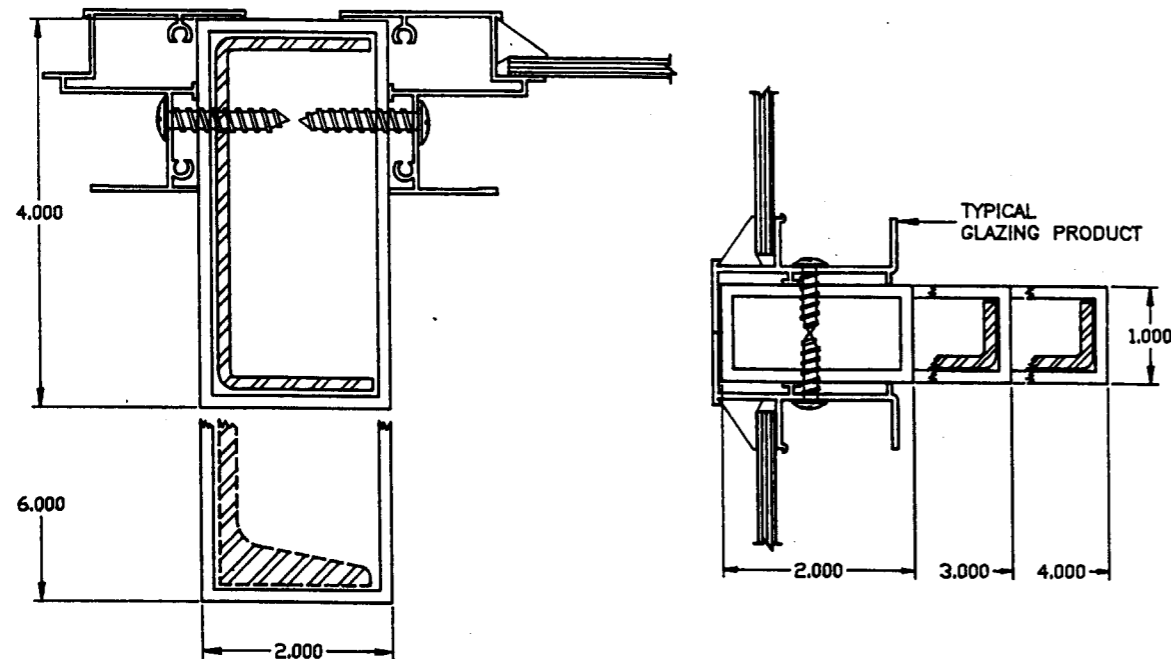
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 99-0223.05 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**.

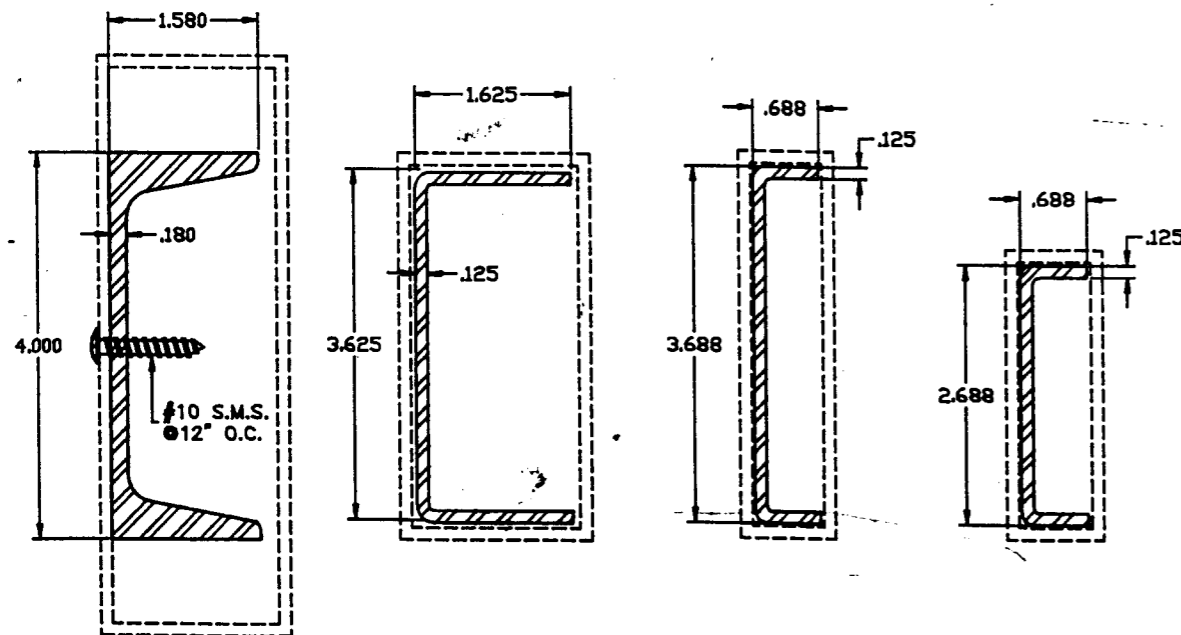


NOA No 02-0501.05
Expiration Date: May 30, 2007
Approval Date: June 6, 2002
Page 1



**MULLIONS WITH STEEL REINFORCEMENTS
CONTAINING TYPICAL GLAZING PRODUCTS
HORIZONTAL OR VERTICAL**

SEE WINDOW OR DOOR APPROVAL FOR FASTENERS SIZES AND SPACING



STEEL REINFORCEMENTS

INSTRUCTIONS:

USE CHARTS AND GRAPHS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN LOAD REQUIRED PER ASCE 7-88, FOR PARTICULAR OPENING.
- STEP 2** USE DADE COUNTY APPROVED GLAZING PRODUCTS MEETING ABOVE LOAD REQUIREMENTS.
- STEP 3** USE CONNECTION TO MULLION AS PER PRODUCT APPROVAL.
- STEP 4** SPECIFY MAXIMUM SHIM SPACING.
- STEP 5** USING GRAPHS ON SHEET 2 SELECT MULLION SIZE WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 6** USING ANCHOR TYPES ON SHEET 3, AND ANCHOR GRAPHS ON SHEET 2, SELECT ANCHOR TYPE WITH DESIGN RATING MORE THAN THE DESIGN LOADS SPECIFIED IN STEP 1 ABOVE.

**RECTANGULAR MULLIONS WITH STEEL INSERTS
USING PROPERTIES FOR STEEL & ALUM TUBES.**

NOTES:

- ALL GLAZING PRODUCTS USED WITH THESE MULLIONS MUST MEET THE APPLICABLE DADE COUNTY REQUIREMENTS I.E. WIND LOAD, AIR & WATER INFILTRATION, FORCED ENTRY RESISTANCE, SAFEGUARDS ETC.
- ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL COVERING (STUCCO, TILE ETC.)
- ANY CONDITIONS NOT COVERED IN THIS SUBMITTAL SUBJECT TO SEPARATE ENGINEERING REVIEW.
- ALL MULLIONS TO BE ALLOY 6063-T5.
- ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE APRIL 29, 1999
BY MAHMOUD FAROOQ
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0223.05

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

FEB 17 1999

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-0501.05
Expiration Date MAY 28, 2007
By [Signature]
Miami Dade Product Control
Division

a f c

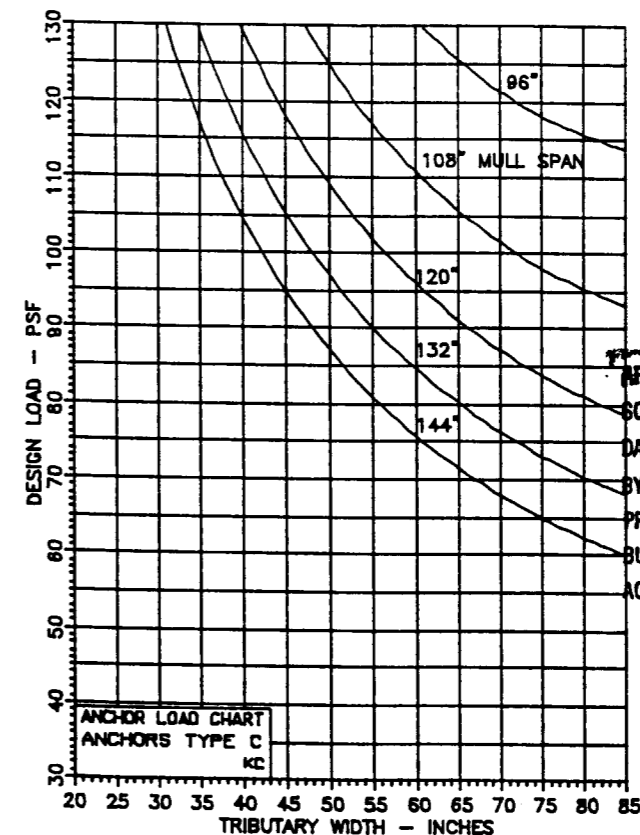
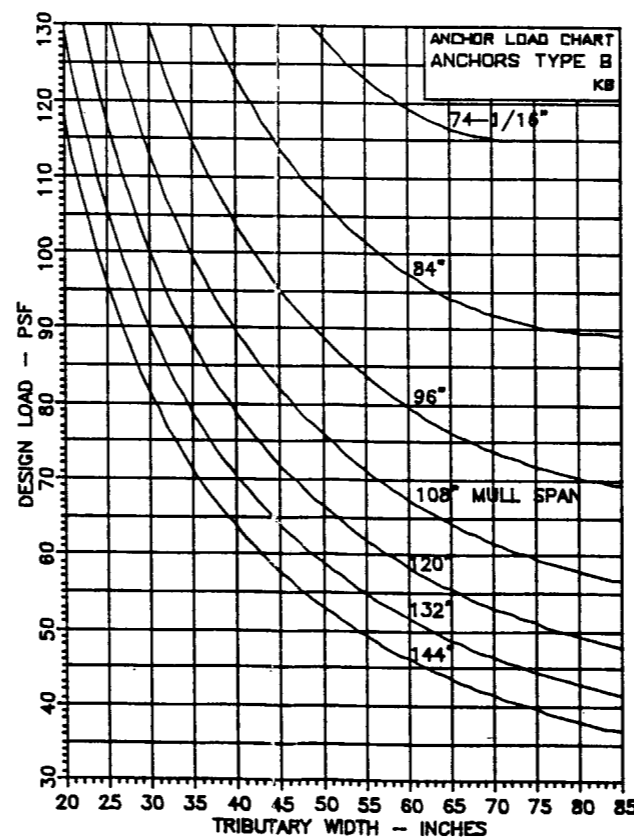
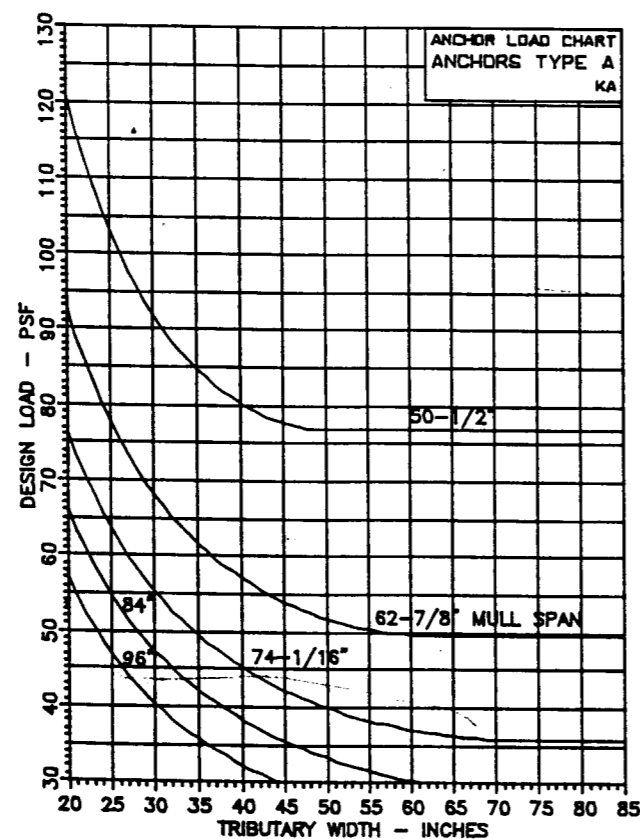
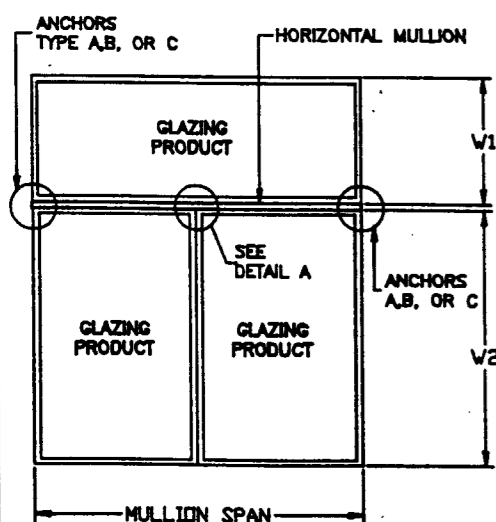
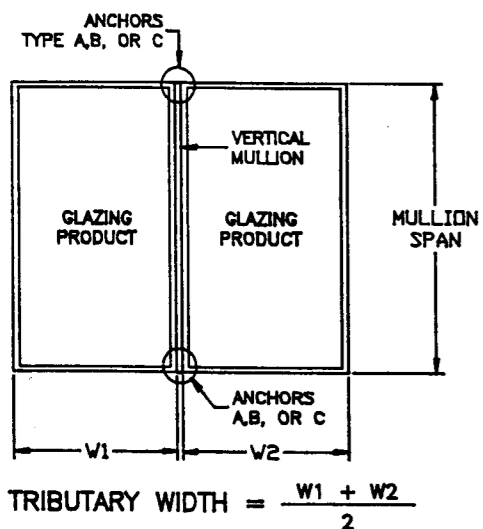
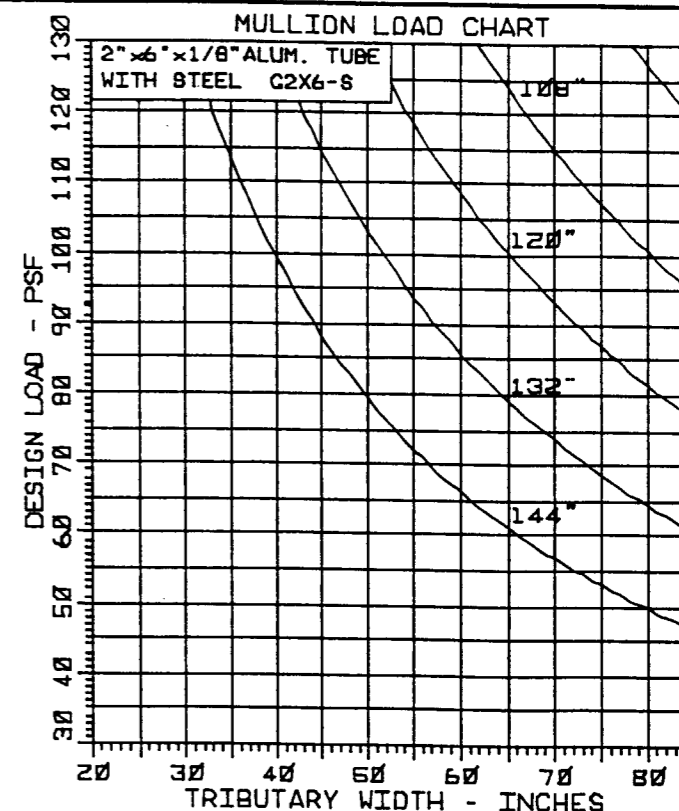
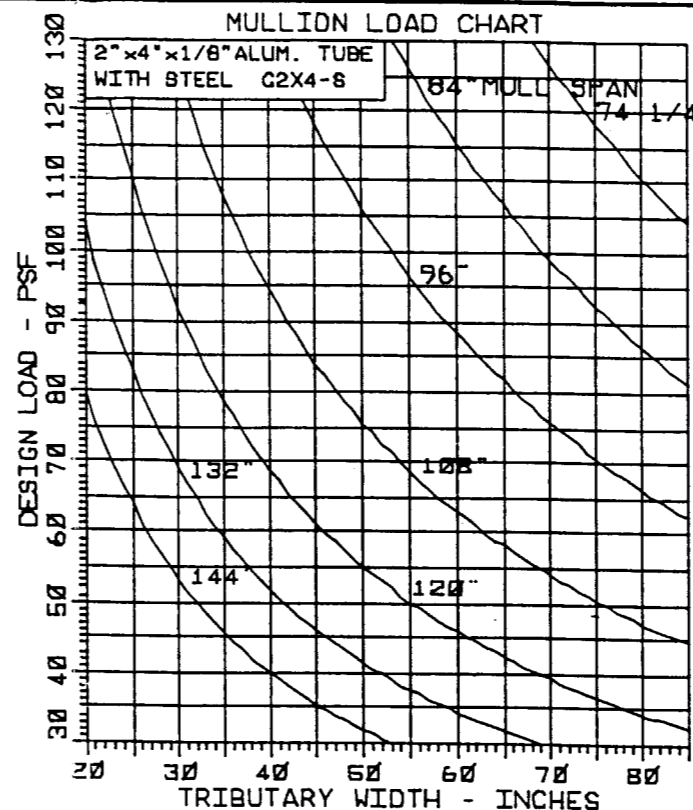
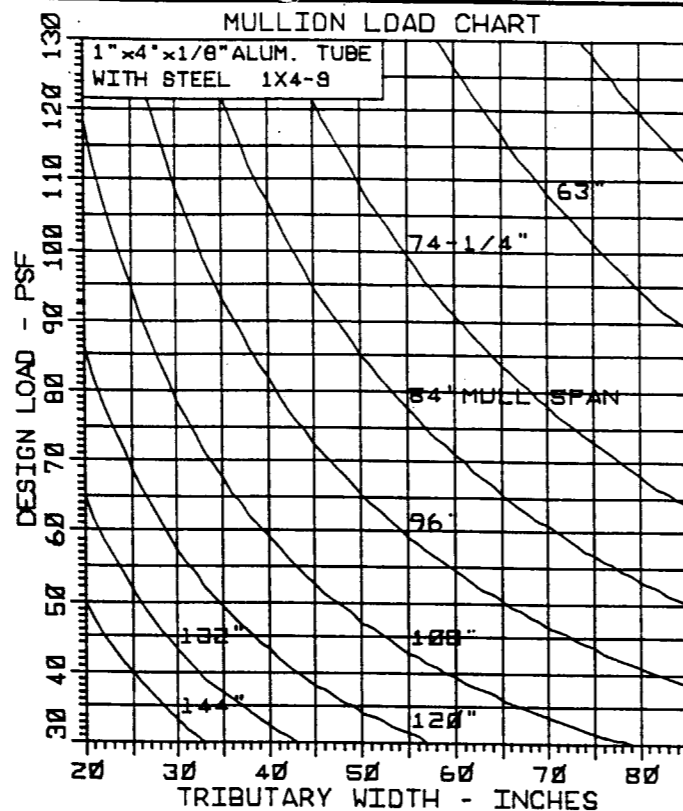
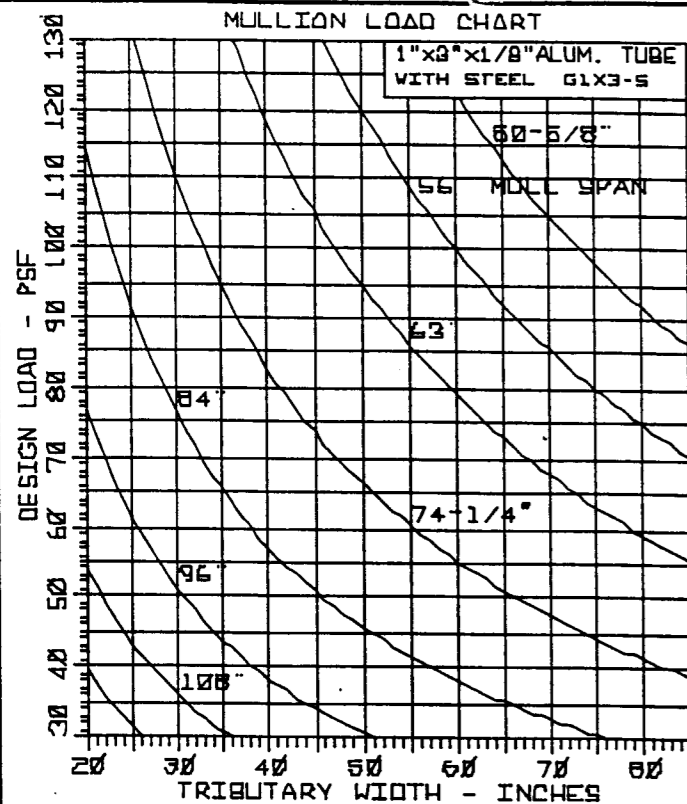
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT TESTING
1235 SW 87 AVE
MIAMI, FLORIDA 33174
(305) 264-8100
M95-04B

MULLION DETAILS
LAWSON INDUSTRIES
7030 N.W. 37 TH. COURT
MIAMI, FL. 33147
(305) 696-8660

revisions:	no.	date	by	description
	1	8.03.99	A	REVISED

date: 08-28-99	scale: 1/2" = 1"	design by:	drawn by: MAHMOUD	checked by:
----------------	------------------	------------	-------------------	-------------

drawing no.
M95-04B
sheet 1 of 3



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 02-0501-05
Expiration Date May 10, 2007

By *[Signature]*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE APRIL 29, 1999
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0223-05

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

FEB 17 1999

TYPICAL MULLION ARRANGEMENTS

FOR ANCHORS DESCRIPTION SEE SHEET 3 OF 3.

a f c

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT TESTING
1235 SW 87 AVE
MIAMI, FLORIDA 33174
(305) 264-8100

M95-04B

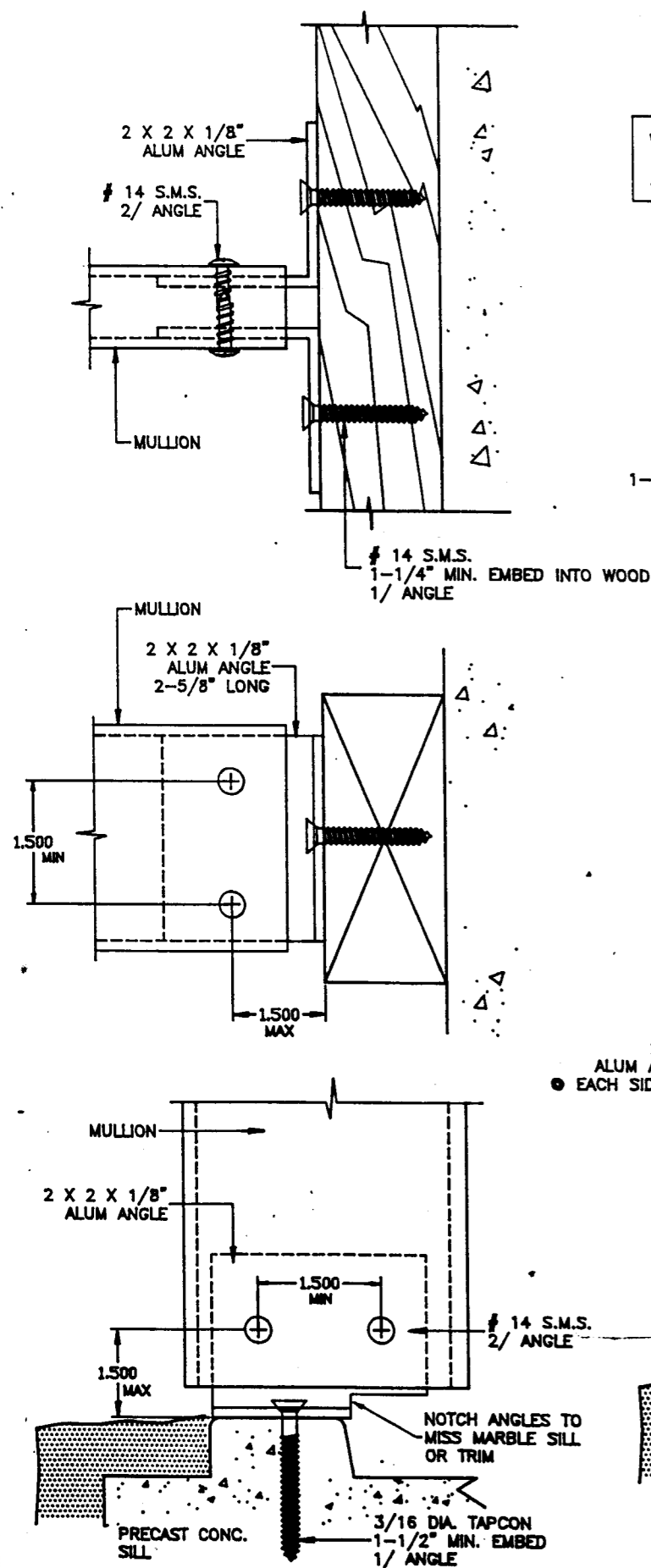
MULLION DETAILS
LAWSON INDUSTRIES
7030 N.W. 37 TH. COURT
MIAMI, FL. 33147
(305) 696-8660

revisions:	no	date	by	description
	1	5.03.99		REVISED

date: 02-28-99	scale: 1/2" = 1'	designed by:	drawn by: HAMID	checked by:
----------------	------------------	--------------	-----------------	-------------

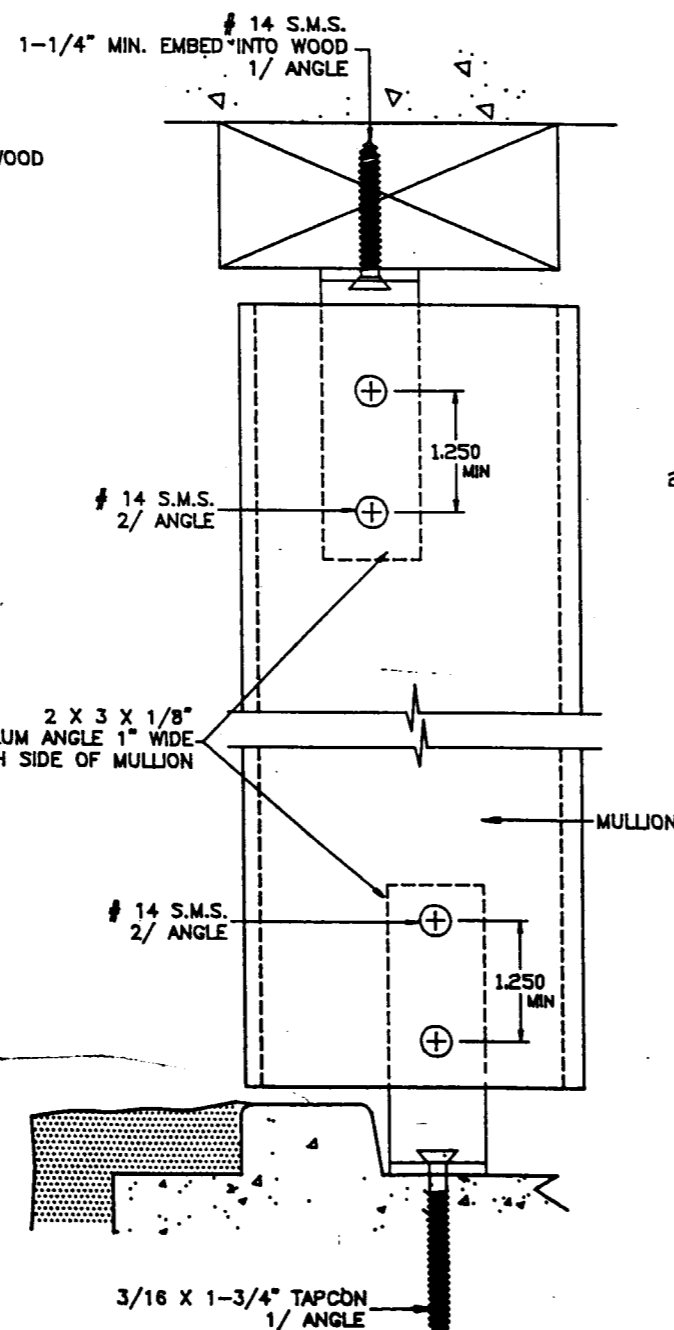
drawing no.
M95-04B
sheet 2 of 3

ANCHORS TYPE 'A'

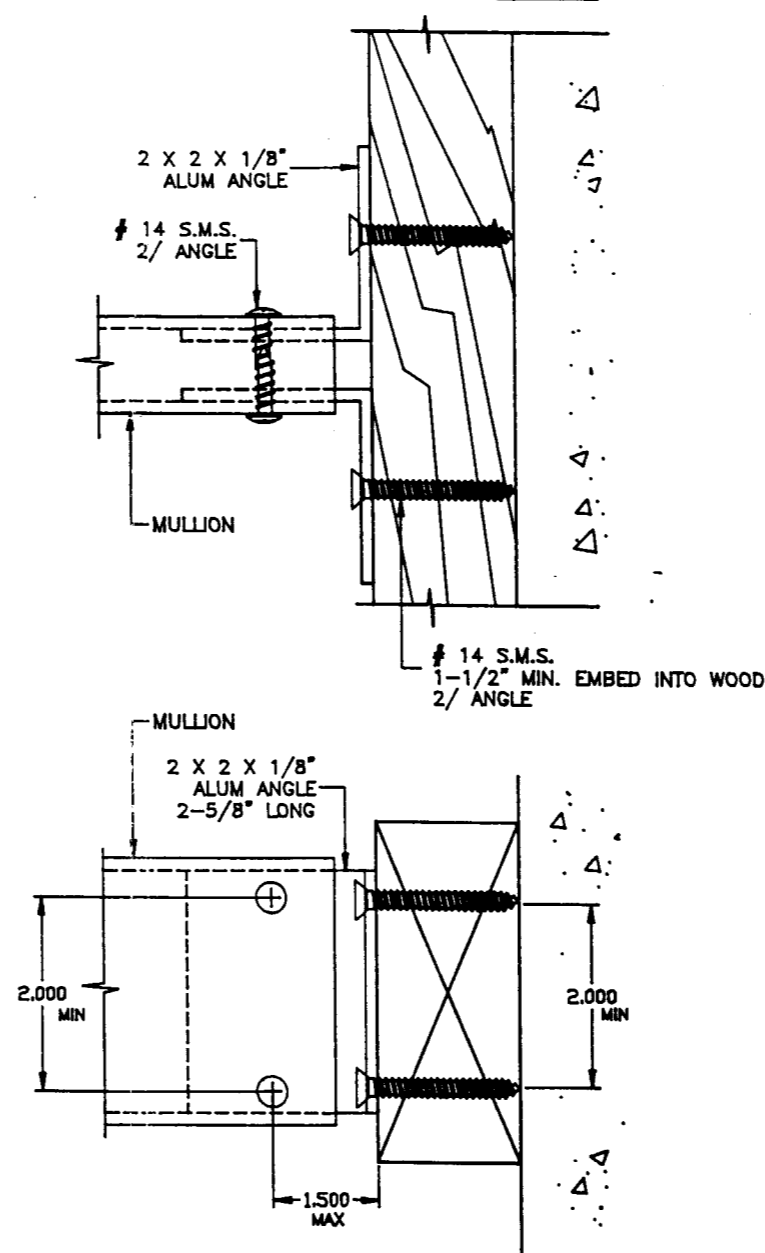


WOOD BUCKS NOT BY LAWSON MUST SUSTAIN LOADS IMPOSED.

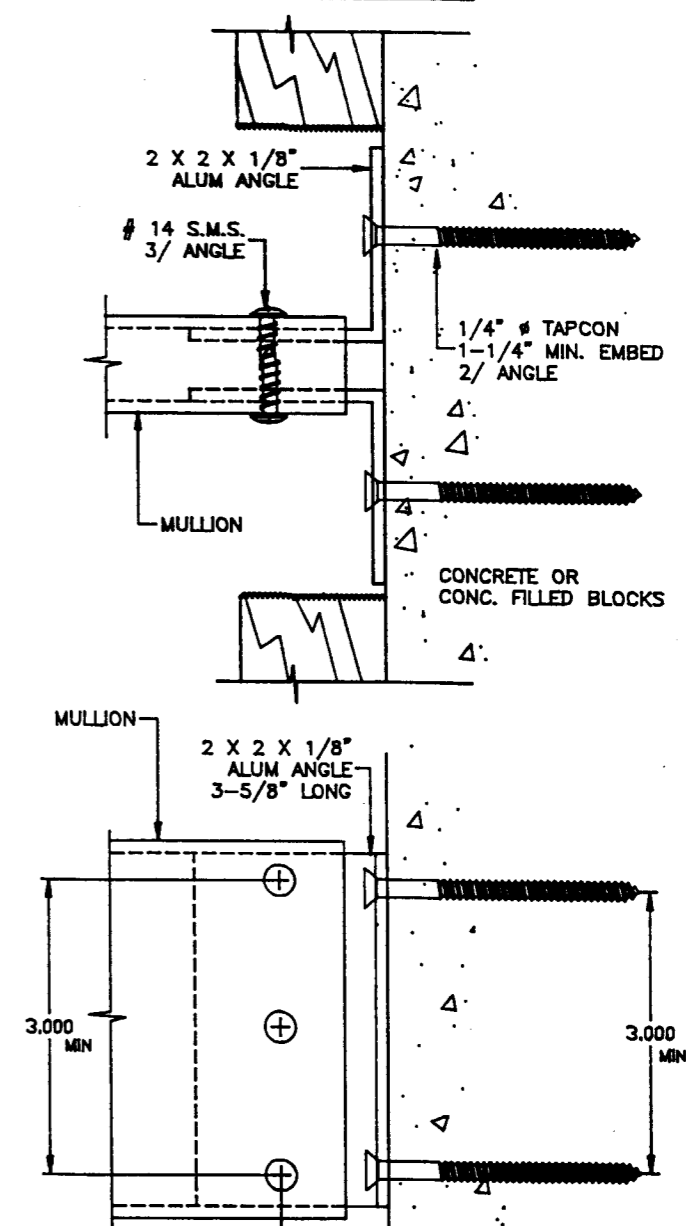
ALTERNATE TO ANCHOR TYPE 'A'
APPLICABLE AT TOP OR BOTTOM OF MULLION



ANCHORS TYPE 'B'

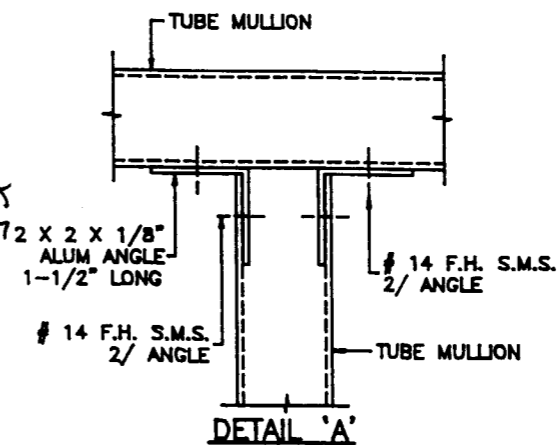


ANCHORS TYPE 'C'



APPROVED AS COMPLYING WITH THE
BOTH FLORIDA BUILDING CODE
DATE APRIL 29, 1999
BY *M. M. M. M.*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0223-05

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-0501-05
Expiration Date MAY 30, 2007
By *M. M. M. M.*
Miami Dade Product Control
Division



Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

FEB 17 1999

a f c

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT TESTING
1235 SW 87 AVE
MIAMI, FLORIDA 33174
(305) 264-8100
M95-04B

MULLION DETAILS
LAWSON INDUSTRIES
7030 N.W. 37 TH. COURT
MIAMI, FL. 33147
(305) 696-8660

revisions:	no	date	by description
	1	10.03.98	REVISED

scale: 1/2" = 1'	design by:	drawn by: HAMD	checked by:
------------------	------------	----------------	-------------

drawing no.
M95-04B
sheet 3 of 3